RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/575,844_

Source: _ΞΡΜΟ_

Date Processed by STIC: _1/18/07_

ENTERED

RAW SEQUENCE LISTING   DATE: 01/18/2007
PATENT APPLICATION: US/10/575,844   TIME: 11:24:49

Input Set : E:\22338-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J575844.raw

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   3 <110> APPLICANT: Roche Molecular Systems
   5 <120> TITLE OF INVENTION: Method for Distinguishing AML Subtypes with
Recurring Genetic
   6       Aberrations
   8 <130> FILE REFERENCE: 22338-US
  10 <140> CURRENT APPLICATION NUMBER: US 10/575,844
C--> 11 <141> CURRENT FILING DATE: 2006-04-13
  13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012460
  14 <151> PRIOR FILING DATE: 2003-11-04
  16 <160> NUMBER OF SEQ ID NOS: 239
  18 <170> SOFTWARE: PatentIn version 3.4
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 491
  22 <212> TYPE: DNA
  23 <213> ORGANISM: Homo sapiens
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  27 <221> NAME/KEY: misc_feature
  28 <223> OTHER INFORMATION: n = any nucleotide
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  33 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt     120
  35 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga     180
  37 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt     240
  39 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgttttcct     300
  41 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg     360
  43 aactacaacc agaacttcag aggacgagga aacaatcgtg ctacaaaaa tcaatctcag     420
  45 ggctacaacc agtggcagca gggtcaattc tggggtcaga agccatggag tcagcattat     480
  47 caccaaggat a                                                         491
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  52 <212> TYPE: DNA
  53 <213> ORGANISM: Homo sapiens
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  58 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc     120
  60 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca     180
  62 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg     240
  64 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt     300
  66 gtcttca                                                              307
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  70 <211> LENGTH: 519
  71 <212> TYPE: DNA
  72 <213> ORGANISM: Homo sapiens
  74 <400> SEQUENCE: 3
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 79 tgtgactgtt atgattatca gaatatgtct taacttttta gggcaaagtt aacactgaaa     180
 81 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaaa tcacttttga aactcagact     240
 83 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat     300
 85 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct     360
 87 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt     420
 89 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta     480
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 95 <211> LENGTH: 140
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Homo sapiens
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104 cctcagtact ttgcagaaaa                                                140
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117 aactcctgaa gttagaaata agaatggttt gtaaatccca cagctatatc ctgatgctgg     180
119 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga     240
121 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc     300
123 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca     360
125 gtgagtcaca tcctgggatc cagtgtataa atccaatatc atgtcttgtg cataattctt     420
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133 <213> ORGANISM: Homo sapiens
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140 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat     180
142 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc     240
144 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac     300
146 gctagatggt ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg     360
148 tgctgccaca ggccccagca tcaagatctg ggatttagag ggaaagatca ttgtagatga     420
150 actgaagcaa gaagttatca gtaccagcag caag                                454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
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163 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtcccca    180
165 tgcctggaag aggagctggt ggctgccagc cctggcggcg gcacagcctg ggcctcccct   240
167 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggtc   300
169 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac   360
171 gtgaccactg gcc                                                      373
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175 <211> LENGTH: 494
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
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182 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa   120
184 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg   180
186 taatacgcaa agccggaccc gggcgctgcc gagacccctc gggggctgca cacccagcag   240
188 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag   300
190 gaacctctct gaagtgacac ctcacccccta cacaccgtcc gttcacccccc gtctcttcct   360
192 tctgcttttc ggttttttgga aaacccggat cctactctag gcagcccacc ttggtgggct   420
194 tgtttcctga aaccatgatg tacttttttca tacatgagtc tgtccagagt gcttgctacc   480
196 gtgttcggag tctc                                                     494
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 434
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 9
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207 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttcctatc   120
209 catttgacac cgttcgccgc cgcatgatga tgcagtcagg gcgcaaagga actgacatca   180
211 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt   240
213 ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tggtgctttt gtgcttgtct   300
215 tgtatgatga aatcaagaag tacacataag ttatttccta ggattttttcc ccctgtgaac   360
217 aggcatgttg tattctataa cacaatcttg agcattcttg acagactcct ggctgtcagt   420
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230 tgcagggctt ctcctcctct gtcttttgga gaaccagggc tcttctcagg ggctctaggg   120
232 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa   180
234 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat   240
236 aaggttttta gcatgttcct ccttttcttc accctcccct ttgttcttct attaatcaag   300
238 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca   360
240 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg       416
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253 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa     180
255 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct     240
257 ggaagtgctg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc     300
259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc     360
261 caatgccagg ctgcgcagtg aagaaaatga gtaggcagct catgtgcacg ttttc         415
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265 <211> LENGTH: 423
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
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272 aaggaaaaaa agaaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat     120
274 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat     180
276 acgctttttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta     240
278 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt     300
280 atatatgcaa agtaggcaac tgtttttctta gttacagaag tttcaagctt cacttttgtg     360
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289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
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295 aaaagacaga agccttgact tctgctaagc ggtacatcga dacggaccca gccaatcggg     120
297 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct     180
299 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg     240
301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac     300
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316 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc     180
318 agaaacttaa ctcttttgtt gcagatagtc atcagtggct ctgtaaaaac gcagaggaaa     240
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322 agattttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat     360
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326 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag     480
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341 tatccgggtg cggctccacc ccttccacgt catccgcatc aacaagatgt tgtcctgtgc    180
343 tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt    240
345 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga    300
347 gcatgtgatt gaggccctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca    360
349 catctcaaag aagtgggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc    420
351 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct    480
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366 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac    180
368 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag    240
370 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg    300
372 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgccctcg    360
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387 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt    180
389 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt    240
391 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc    300
393 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca    360
395 ttatacggtc atcttgaatg atccctttga aatttttttt ttgtttgttt gtttaaatca    420
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412 cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat    180
414 ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac    240
416 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg    300
418 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgccccca ccctcggggg    360
420 ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac    420
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 01/18/2007
PATENT APPLICATION: US/10/575,844   TIME: 11:24:50

Input Set : E:\22338-Sequence Listing.txt
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the
<220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY   DATE: 01/18/2007
PATENT APPLICATION: **US/10/575,844**   TIME: 11:24:50

Input Set : **E:\22338-Sequence Listing.txt**
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
M:341 Repeated in SeqNo=26
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
M:341 Repeated in SeqNo=33
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
M:341 Repeated in SeqNo=55
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
M:341 Repeated in SeqNo=165
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
M:341 Repeated in SeqNo=191
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
M:341 Repeated in SeqNo=216